

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/815,508	KUPFERMAN, HANAN	
	Examiner	Art Unit	
	Dismerly E. Mercedes	2651	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amend. filed 11/04/2005.
2. ☒ The allowed claim(s) is/are 1-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments see pages 7-9, filed 11/04/2005, with respect to claims 1,9,16 have been fully considered and are persuasive. The 103(a) of claims 1,9,16 has been withdrawn.

### *Allowable Subject Matter*

2. Claims 1-23 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Independent Claims 1 & 16 are allowable over the Prior Art of Record, since the cited references, in particular Cloke (US 6,411,452 B1), Rezzi et al. (US 6,201,652 B1); taken alone or in combination do not teach or suggest: *a synch mark detection circuit having a first detection mode and a second detection mode, wherein, in the first detection mode, the synch mark detection circuit detects a servo synchronization signal based on the head reading a servo synchronization mark (SSM) of a servo header of an embedded servo wedge, wherein, in the second detection mode, the synch mark detection circuit detects a servo synchronization signal based on the head reading a SSM and a wedge identifier (ID) of a servo header of an embedded servo wedge, the wedge ID being utilized in conjunction with the SSM to validate the servo synchronization signal.*

Independent Claim 9 is allowable over the Prior Art of Record, since the cited references, in particular Cloke (US 6,411,452 B1), Rezzi et al. (US 6,201,652 B1); taken alone or in combination do not teach or suggest: *detecting a servo synchronization signal in a first mode based on the head reading a first servo synchronization mark (SSM) of a servo header of an embedded servo wedge; detecting a servo synchronization signal in a second mode based on the head reading a first SSM and a first wedge identifier (ID) of a first servo header of an embedded servo wedge, the first wedge ID being utilized in conjunction with the first SSM to validate the servo*

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*synchronization signal, and in the second detection mode, determining if a second wedge ID of a second servo header has incremented at an expected rate in comparison on the first wedge ID of the first servo header, and declaring a hard servo synchronization mode based upon a forecasted wedge ID pattern.*

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Cloke (US 6,411,452 B1), Rezzi et al. (US 6,201,652 B1);Geldman et al. (US 5,740,358); Hull et al. (US 6,580,573 B1); Christiansen et al. (US 6,603,622 B1); Glover (US 6,108,153); Tuttle et al. (US 6,108,151); Christiansen et al. (US 6,639,748 B1); Kupferman (US 6,934,104 B1); Heydari et al. (US 2003/0048562 A1); Romano et al. (US 5,477,103) ; Bliss et al. (US 6,009,549).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dismery E. Mercedes whose telephone number is 571-272-7558. The examiner can normally be reached on Monday - Friday, from 9:00am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on 571-272-7843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dismery E Mercedes  
Examiner  
Art Unit 2651

DM



**DAVID HUDSPETH**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**